



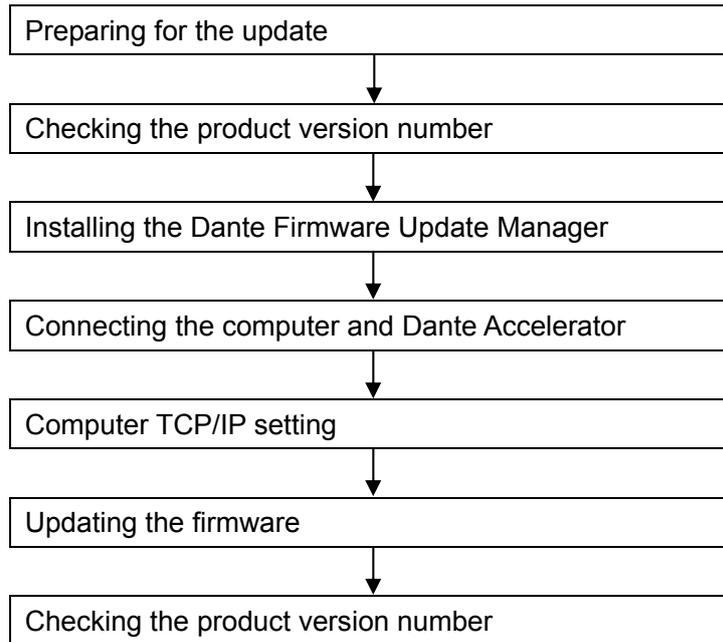
## Dante Accelerator Firmware Update Guide

Thank you for choosing a Yamaha product. This guide explains how to update the Dante Accelerator firmware.

### **Precautions (Please be sure to read this section first!)**

- The user assumes full responsibility for the update.
- Update the firmware components one unit at a time.
- Please note that the device may be damaged if you fail to follow these instructions properly, or disconnect the cable while the update is in progress.
- If the update fails, and the device still does not operate correctly even after you execute the update again, please contact your Yamaha dealer.
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## Update procedure sequence



### Preparing for the update

You will need the following items ready to execute the update procedure.

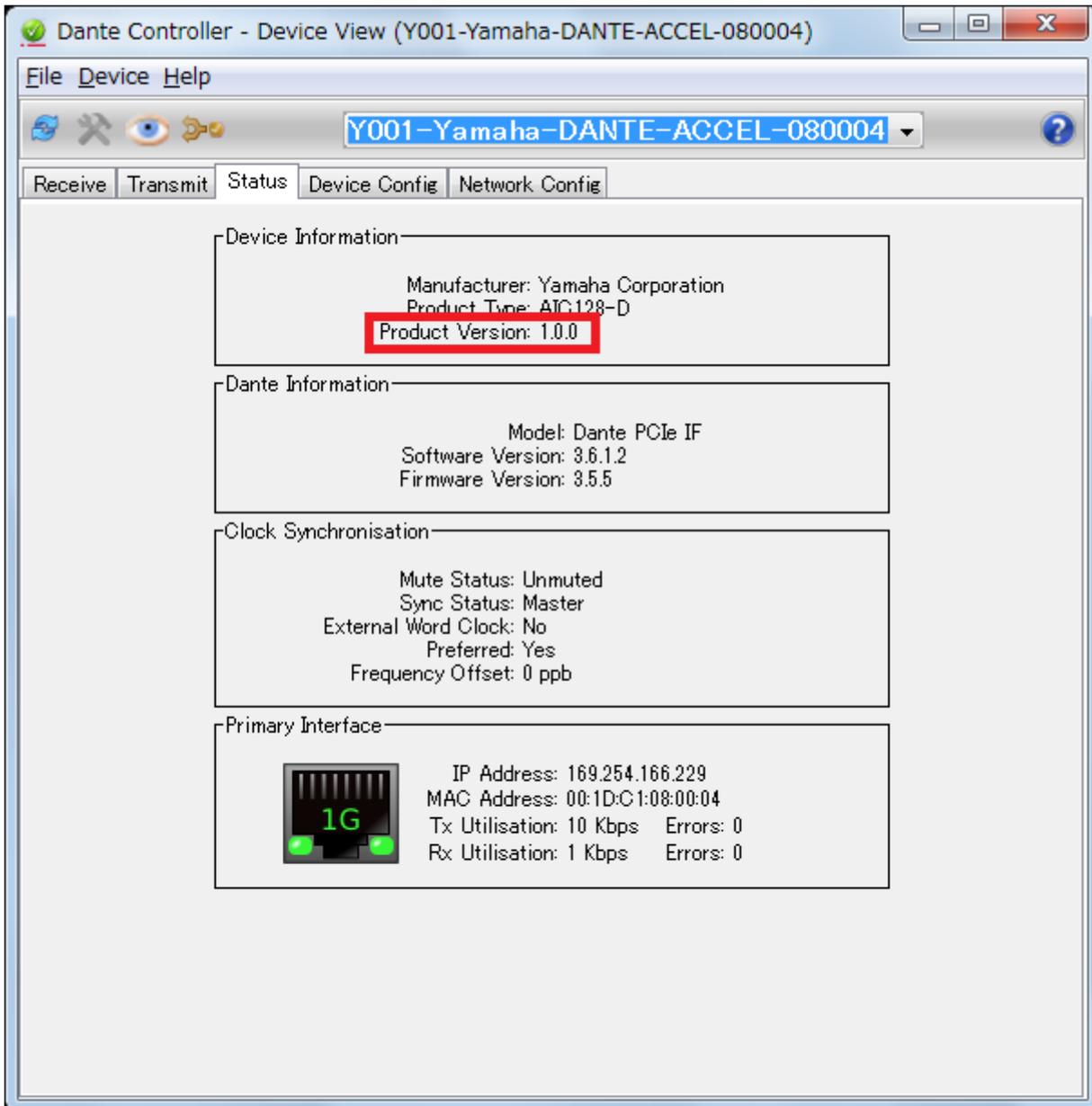
- A computer connected to Dante Accelerator and fully operable
- An Ethernet cable (CAT7 straight cable)
- Firmware

Download then extract the latest firmware from the following URL.

<http://www.yamahaproaudio.com/>

### Checking the product version number

You can check the current Dante Accelerator product version number from the Dante Controller.



## Installing the Dante Firmware Update Manager

Before you update the firmware, you will need to install the Dante Firmware Update Manager.

Double-click the Dante Firmware Update Manager installer "DanteFirmwareUpdateManager-x.x.x.exe" (Windows) or "DanteFirmwareUpdateManager\_x-x-x.dmg" (Mac) downloaded in "[Preparing for the update](#)" and follow the on-screen instructions to install the firmware. The letters x.x.x or x-x-x represent the version number of the Dante Firmware Update Manager.

### NOTE

- When installing the Dante Firmware Update Manager, temporarily disable any running anti-virus software.
- If any warning messages, such as those related to "User Account Control" or "Windows Security," appear during the procedure, follow the on-screen instructions to continue.
- In the middle of installation of the Dante Firmware Update Manager, you may be prompted to install

Bonjour. In such case, download the Bonjour installer from the URL presented by the installer and install it.

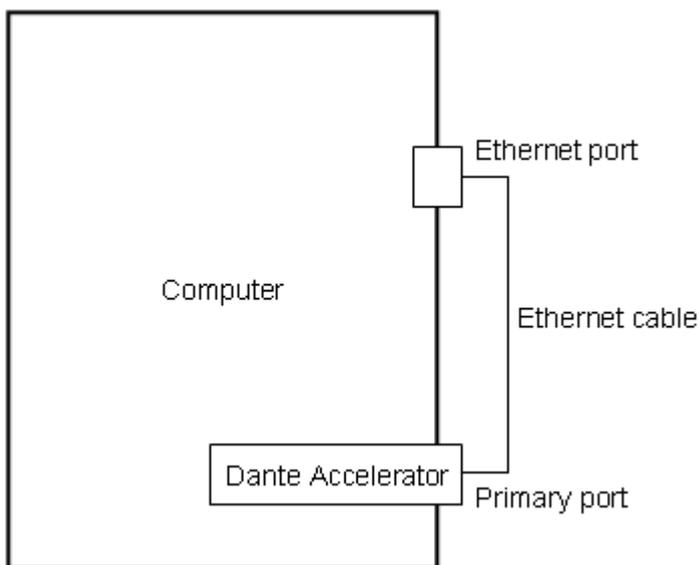
- You may be prompted to restart the computer after the installation is complete. Before proceeding with the update, restart the computer.

## Connecting the computer and Dante Accelerator

Connect the Ethernet port on the computer to the primary port on Dante Accelerator by using an Ethernet cable (CAT7 straight cable).

### NOTE

If the computer has multiple Ethernet ports, no devices should be connected to Ethernet ports which are not connected to the Dante Accelerator.



## Computer TCP/IP setting

Follow the steps below to configure the computer TCP/IP settings.

### Windows

#### NOTE

If any warning messages, such as those related to "User Account Control" or "Windows Security," appear during the procedure, follow the on-screen instructions to continue.

1. **Open the Control Panel on Windows, then click or double-click "Network and Sharing Center" or "View network status and tasks."**

The "Network and Sharing Center" will be displayed.

2. **Click "Manage network connection" or "Change Adapter settings" from the "Tasks" list located**

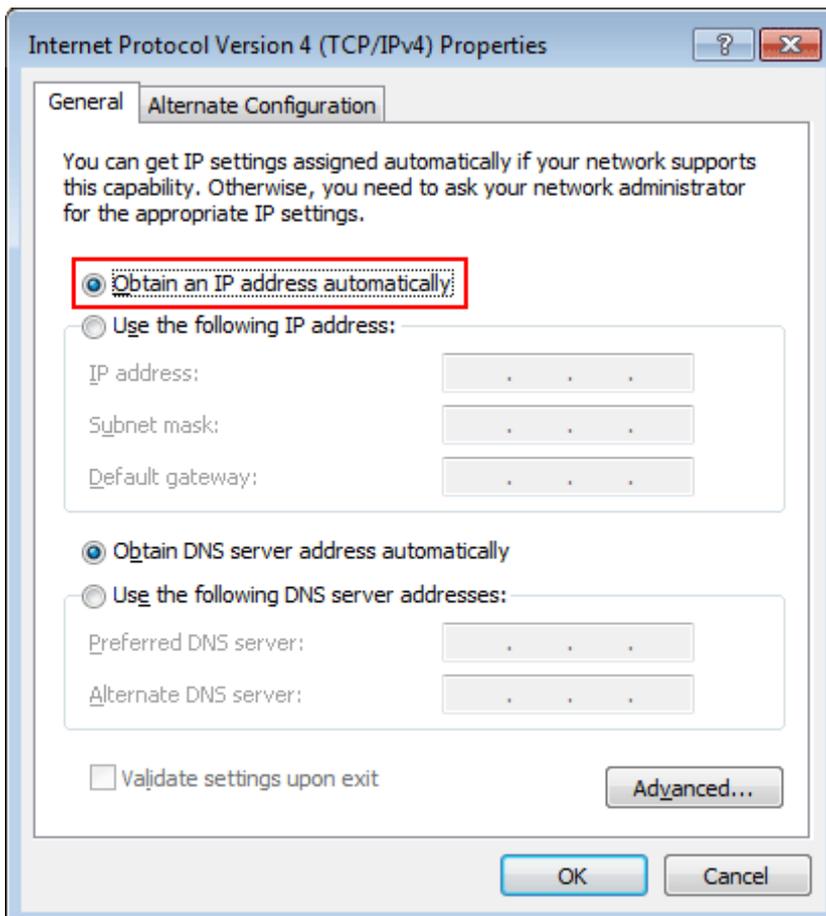
in the left side of "Network and Sharing Center" window, then double-click "Local Area Connection" or "Ethernet."

The "Local Area Connection properties" or "Ethernet properties" dialog box will be displayed.

3. **Select "Internet Protocol Version 4 (TCP/IPv4)", then click "Properties."**

The "Internet Protocol Version 4 (TCP/IPv4) Protocol" dialog box will be displayed.

4. **Confirm that "Obtain an IP address automatically" is selected.**



5. **Click "OK."**

## Mac

1. **Click the "System Preferences" icon on Dock.**

The "System Preferences" window appears.

2. **Click the "Network" icon.**

The "Network" window appears.

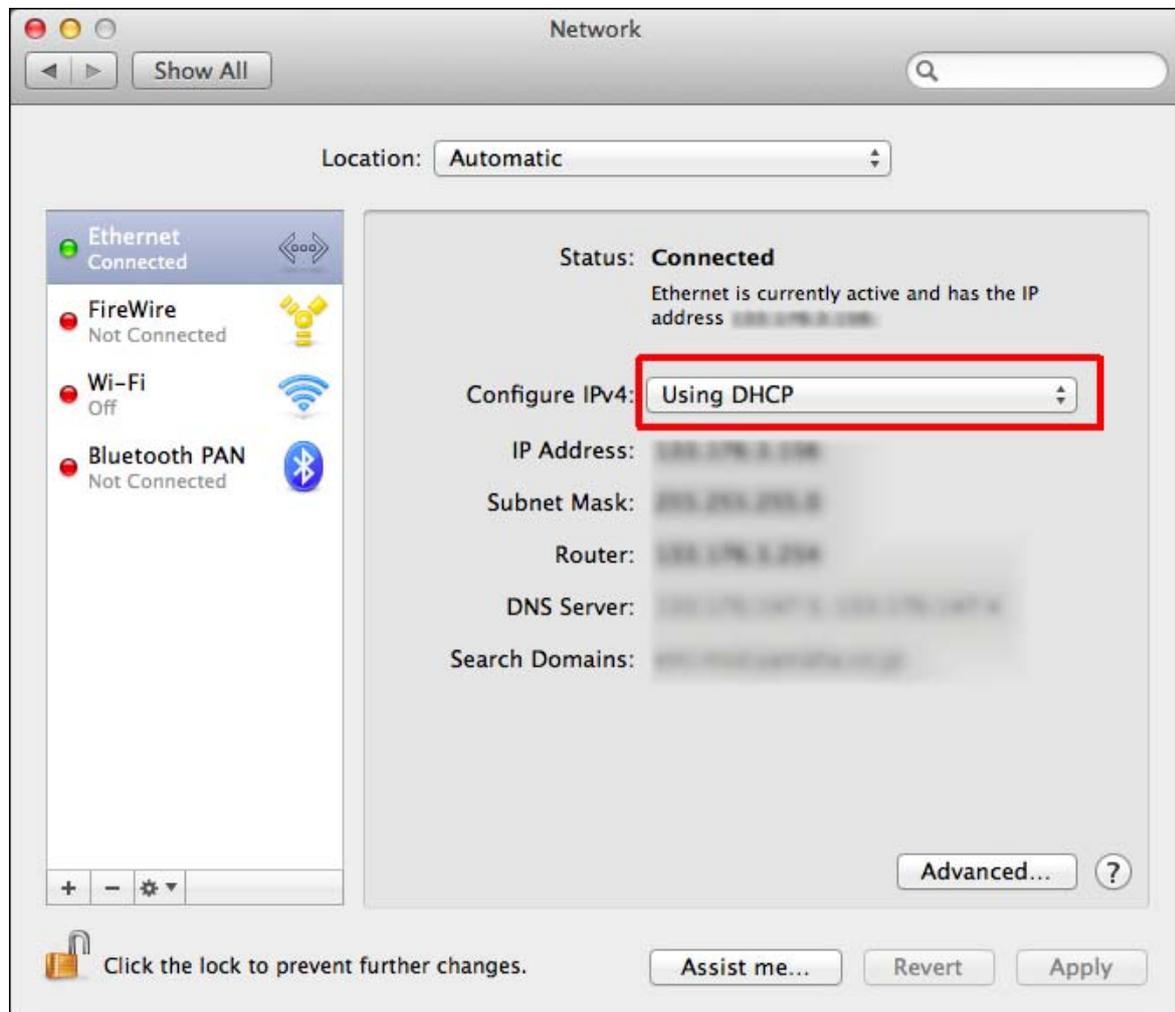
3. **Click "Ethernet."**

The Ethernet settings window appears.

#### NOTE

If there are multiple Ethernet choices, select the one that is connected to the device.

4. Confirm that "Using DHCP" is selected in "Configure IPv4" or "Configuration."



5. Click "Apply" if you have changed the setting, then close the window.

If you haven't changed the setting, close the window.

## Updating the firmware

#### NOTE

- If any warning messages, such as those related to "User Account Control" or "Windows Security," appear during the procedure, follow the on-screen instructions to continue.

1. Store the firmware update file "FWUpdate\_AIC128-D\_vxxx.dnt" in a directory that does not contain any multi-byte characters.

The letters xxx represent the product version number.

#### **NOTE**

The firmware does not operate normally if its path contains any multi-byte characters (including Japanese characters). If you use a directory name containing any multi-byte characters in your computer, store the firmware update files in a directory that consists only of ASCII characters (e.g., C:\temp).

### **2. Start up the Dante Firmware Update Manager as follows.**

#### **Windows**

Select "All programs" or "All apps"→"Audinate"→"Dante Firmware Update Manager"→"Dante Firmware Update Manager."

#### **Mac**

Double-click "Applications"→"Dante Firmware Update Manager."

#### **NOTE**

Check in the title bar that the version number is 1.3.0 or higher.

### **3. Click "Update Dante Firmware."**

### **4. Click "Browse" and select "FWUpdate\_AIC128-D\_vxxx.dnt" stored on step 1, then click "Open."**

#### **CAUTION**

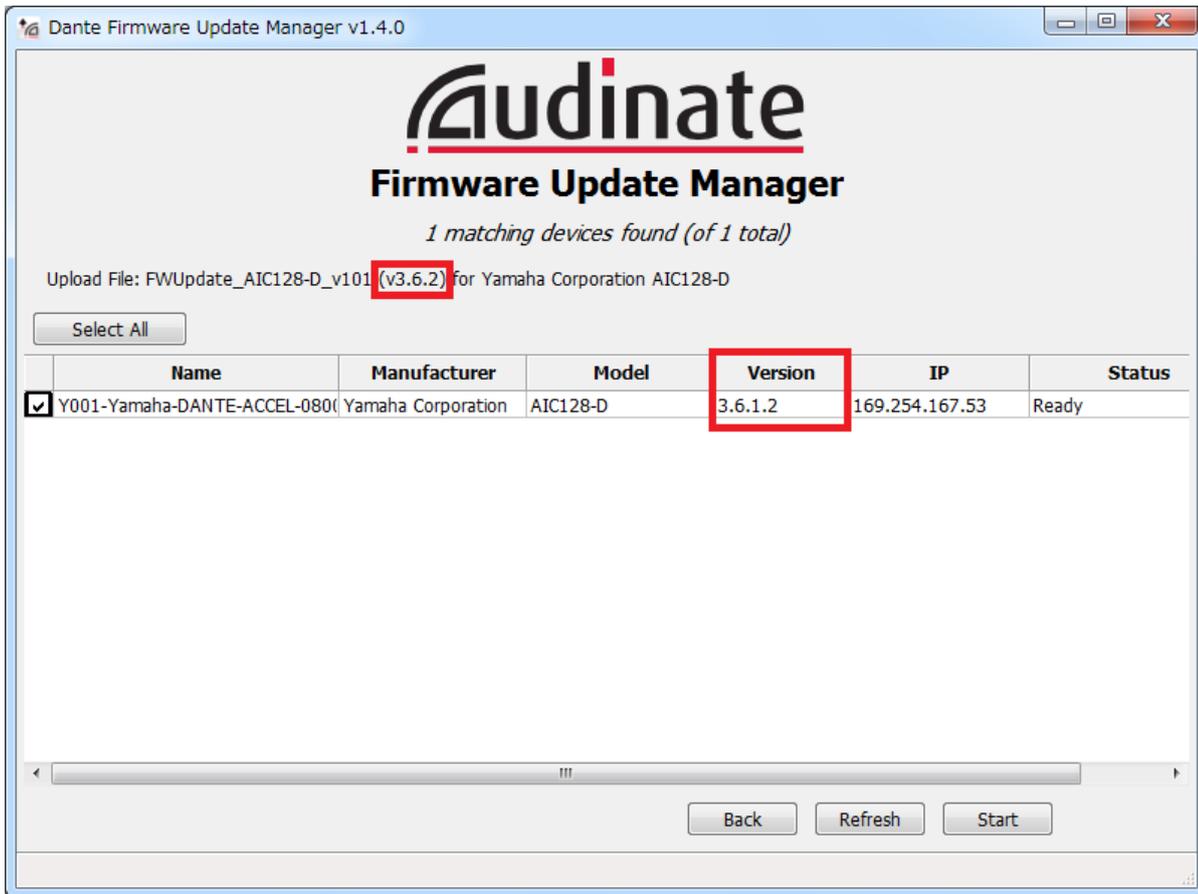
Be sure to ensure compatibility of the update files with Dante Accelerator. If update files other than Dante Accelerator are applied, the device will become inoperable. In general, do not check the "Override Device Matching" option. If this option is left unchecked, only devices that support the file can be selected, preventing update of the device with invalid or wrong files.

### **5. Click "Next."**

#### **NOTE**

Dante Firmware Update Manager may be blocked by the Windows Firewall. Select the "Private Network" checkbox and click "Allow access."

### **6. Check the Dante Accelerator to update.**



**7. Click "Start."**

The update operation will begin. "Updating" appears in the Status field during updating. "Done" is displayed once the update is completed.

**CAUTION**

Updating takes about two to four minutes. During the update operation, do not disconnect the cable.

**8. Reboot the computer.**

**Checking the product version number**

1. Restore the connection you changed on the section "[Connecting between the computer and Dante Accelerator.](#)"
2. Confirm that the firmware version has been updated by the section "[Checking the product version number.](#)"

The firmware update is now complete.